

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_047
Date: 27-Sep-17
Blast Time: 11:38
Blast Sign Activation: 10:00
Website Notification Time: 10:00

Blast Conditions

Ceiling Height: 2500 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 25 km/hr
Wind Direction: W
Temperature: 13.8 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	58.4 LAeq	116.3 dB
Edwards:	54.7 LAeq	110.3 dB
Fred:	51.1 LAeq	115.0 dB
Hollinger Office:	60.5 LAeq	115.2 dB
Noah:	62.3 LAeq	110.0 dB
Sandy:	51.8 LAeq	113.3 dB
Water Tower:	52.6 LAeq	119.7 dB
Wilson:	52.2 LAeq	115.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	4.3	0.0	0.0
Edwards:	10.7	14.2	19.2	25.8
Hollinger Office:	31.2	68.3	40.7	93.8
Sandy:	1.3	1.9	2.7	4.4

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.8	1.6
Edwards:	5.4	10.3
Hollinger Office:	4.9	8.7
Sandy:	1.0	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	1.6	1.1	1.7
Imerys:	0.7	0.4	0.7
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.7	0.4	0.8
Sandy:	1.2	1.0	1.3
Water Tower:	1.1	0.5	1.4
Wilson:	3.5	3.4	5.9